

Claims

*Sub 1* 1. A foot prosthesis comprising a first spring element (1) extending from a toe region to a lower leg region; a second spring element (2) extending from a heel region to said lower leg region; said spring elements (1, 2) being connected to each other by their lower leg side first ends (4, 7); and a tension element (9, 9') connected to the forward region of the foot (3) with its one end and connected to said heel region (6) of the spring elements (1, 2) with its other end.

2. The foot prosthesis as claimed in claim 1, characterized in that the two spring elements (1, 2) are formed as leaf springs resting against each other with their ground-side surfaces at their connecting point.

3. The foot prosthesis as claimed in claims 1 or 2, characterized in that the connected ends (6, 7) are connected by an adapter (5) for connecting to a lower leg portion.

4. The foot prosthesis as claimed in any one of claims 1 to 3, characterized in that said tension element (9, 9') is formed in a ribbon-like fashion.

5. The foot prosthesis as claimed in any one of claims 1 to 4, characterized in that said tension element (9, 9') is firmly connected at the ground-side with each of its ends to said spring elements (1, 2).

6. The foot prosthesis as claimed in any one of claims 1 to 4, characterized in that said tension element (9, 9') is fixed at the forward end of said first spring element (1) at the upper side thereof such that a slit-like recess (12) provided a distance from said forward end in said spring element is fed toward said second spring element (2).

7. The foot prosthesis as claimed in any one of claims 1 to 6, characterized in that said spring elements (1, 2) are formed as a convex shape when viewed from the top.

8. The foot prosthesis as claimed in any one of claims 1 to 7, characterized in that said spring elements (1, 2) are made of a carbon fiber composite material and said tension element (9, 9') is made of a stretch-free material.

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